



Docket No.: UMY-038  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application of:  
Zuoshang Xu *et al.*

Application No.: 10/700,816

Confirmation No.: 9864

Filed: November 4, 2003

Art Unit: 1635

For: ALLELE-SPECIFIC RNA INTERFERENCE

Examiner: S. McGarry

**AMENDMENT IN RESPONSE TO NOTICE UNDER 37 CFR §§1.821-825**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office communication mailed October 5, 2006, please amend the application as follows:

**In the Specification:**

Please amend the specification as shown:

Please delete the paragraph on page 4, lines 6-15 and replace it with the following paragraph:

Figure 3. Selective inhibition of mutant SOD1 G93A expression by U6-G93A vector in Hela cells. (A) Design of the G93A shRNA (SEQ ID NO: 16), **wild type SOD1 disclosed as SEQ ID NO: 15**. (B) SOD1 wtGFP or SOD1 G93A-GFP were cotransfected with U6-empty or U6-G93A. DsRed was cotransfected as a transfection control. Green and red fluorescent cells were quantified using FACS. Results from four experiments were averaged. Error bars represent standard deviation.